



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090197

Mode: Highway

Status: Submitted

US-701

From/Cross Street: South of US 701 Business

Specific Improvement Type: 1 - Widen Existing Roadway

To: I-40

Project Category: Regional Impact

Length: 13.01

TIP#: R-2819

Fully Funded in Draft STIP? No

Cost to NCDOT: \$87,513,000

Description:

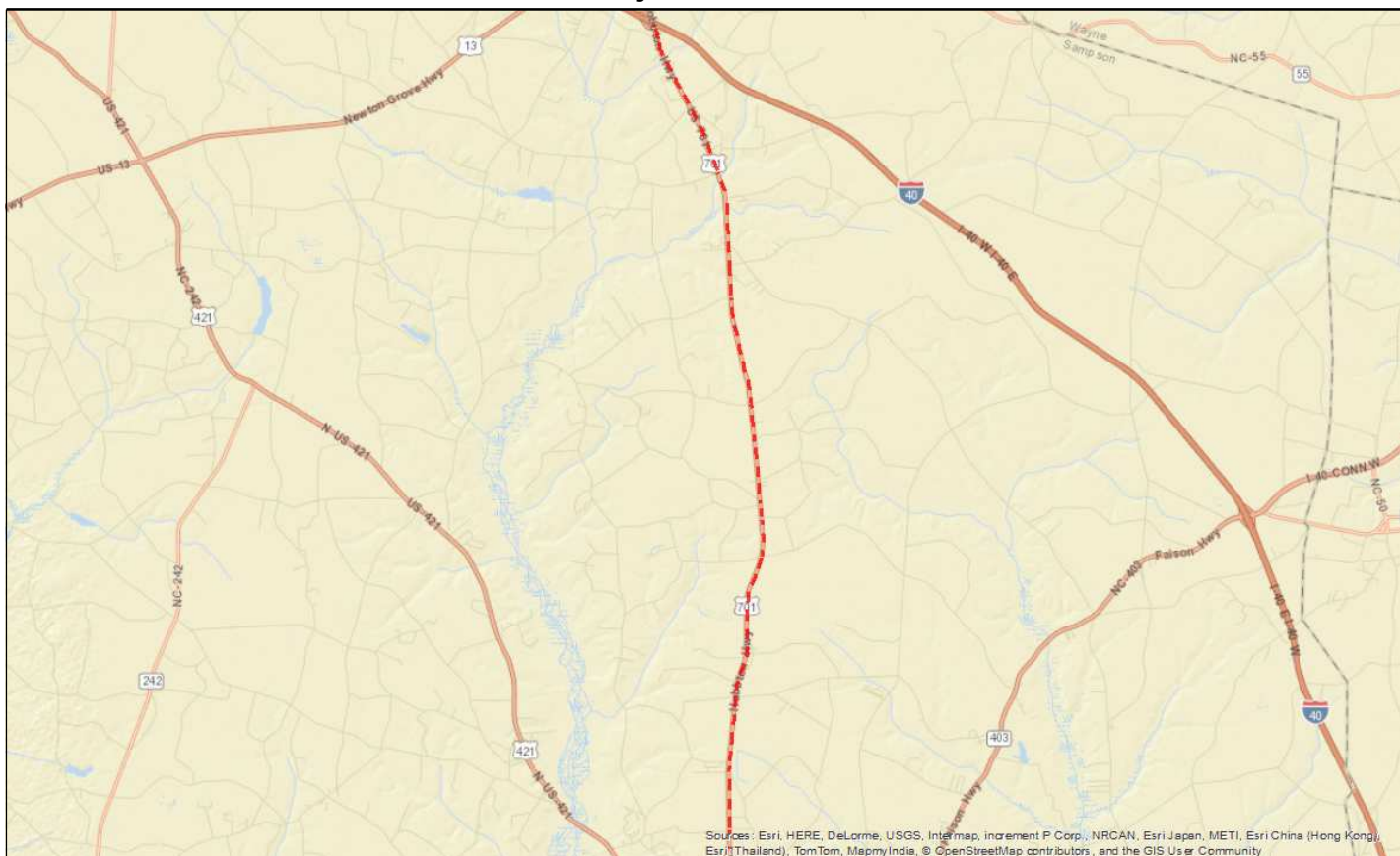
South of US 701 Business to I-40. Widen to Multi-Lanes.

Division(s): Division 3

County(s): SAMPSON

MPOS(s)/RPO(s): Mid-Carolina RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 32.57

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 66.47	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%) 3.69	Points: 0	Points: 100
[Travel Time] Benefit/Cost (20%) 0.13		
Totals: Weight: 70% Weighted Score: 17.57		

Division Needs Total Score: 19.2

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 27.68	Percent: 25%	Percent: 25%
Safety (20%) 66.47	Points: 0	Points: 0
Multimodal + [Freight & Military] (10%) 3.69		
Totals: Weight: 50% Weighted Score: 19.2		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	13.01
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	4
Roadway has Curb & Gutter?	No
Volume (AADT):	6479.99
Capacity:	15500
Volume/Capacity Ratio:	0.42
% Autos:	89%
% Trucks:	11%
Truck Volume:	738.67
Crash Density:	76.66
Crash Severity:	66.51
Critical Crash Rate:	56.25
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	48
Actual Congested Speed:	54.93
Travel Time Index:	1

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	13.01
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	478328.21
Travel Time Savings for 30 Years (Autos):	423802.61
Travel Time Savings for 30 Years (Trucks):	54525.6
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Mid-Carolina RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$60,306,000	TIP Unit
Right-of-Way Cost:	\$24,292,000	Cost Estimation Tool
Utilities Cost:	\$2,915,000	Cost Estimation Tool
Total Project Cost:	\$87,513,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$87,513,000	